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PATENT & TRADEMARK OFFICE

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Application of | : | Peng et al. |
| Serial No. | : | 10/679,247 |
| For | : | **Nanocrystals in Ligand Boxes Exhibiting Enhanced Chemical, Photochemical, and Thermal Stability, and Methods of Making the Same** |
| Examiner | : | Narzario Gonzales, Porfirio |
| Art Unit | : | 1621 |

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

## RESPONSE TO OFFICE ACTION

The following Amendment and Remarks are submitted in response to the Office Action mailed June 8, 2006 in the above-referenced application. The present Amendments and Remarks are filed with a Petition for a two-month extension of time pursuant to 37 C.F.R. §1.136(a) extending the period for response to November 8, 2006.

**Amendments to the Claims** begin on page 2 of this paper.
**Remarks** begin on page 9 of this paper.